Video Title: **Cloud_Layering_3**

This observation shows an excellent view of cloud layering, you can see build up and shadowing of clouds upon one another. There are two obvious layers. It is possible that three layers exist, however the visual opacity is blocking possible cloud formations at the low level. The high level seems to be translucent with sparse cirrus clouds. It is possible that these are cirrostratus. The mid level clouds to the left of the shot are more sheet-like and concentrated altostratus clouds with an opaque visual opacity. To the right of the mid level you will notice puffy clouds, which are altocumulus with a visual opacity of translucent.

With this new view of cloud cover, you will notice it is a little bit easier to see the layers of the clouds. In just a moment we will zoom in closer to see cloud build up and shadows cast along the tops of clouds.

In this stationary view, there are three visible layers. At the high level, you see the blurry cover of cirrostratus clouds with a translucent visual opacity. Just below you see a mixture of cumulus and altocumulus clouds. After we zoom in, you will see just how high the tops of the cumulus clouds reach toward the high level cirrostratus. At the low level you notice the blanket like cover of stratus clouds. Both the mid and low level clouds have a visual opacity of opaque and cloud cover of mostly cloudy.

As we zoom in, notice the break in the cirrostratus clouds, allowing a dynamite view of the cumulus and altocumulus clouds to poke through. As we pan out to the left, we see another view of the mid layer poking through the high level. To the left you can see the satellite's robotic arm.

In this observation you see three obvious layers of clouds. The shadows cast from each layer to the next make it easy to identify. On the low level, furthest from us, you notice the smooth, slightly rippled look of stratus clouds. At the mid level you notice the puffy build up of altocumulus clouds. Directly above, at the high level, you can observe cirrostratus clouds, they seem a little blurry as compared to the layer directly beneath. You also notice at this point that at the midlevel there is a mixture of altocumulus and cumulus because the tops of some of the puffy clouds poke through the cirrostratus clouds at the high level. You can tell that the cumulus penetrate the high level because of the shadows they cast onto the cirrostratus clouds. At all three levels, the visual opacity is opaque. And the cloud coverage is partly to mostly cloudy.

As we continue to travel, the top layer seems to change to a thicker concentration of cirrostratus making it harder to observe the clouds at other levels in the atmosphere.